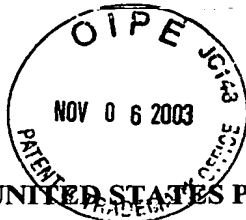


Docket No. 215878US99DIV



41

2811

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jamal Ramdani et al.

SERIAL NO: 09/986,034

GAU: 2811

FILED: November 7, 2001

EXAMINER: HU, S.

FOR: SEMICONDUCTOR STRUCTURE, SEMICONDUCTOR DEVICE, COMMUNICATING DEVICE, INTEGRATED CIRCUIT, AND PROCESS FOR FABRICATING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references were submitted in application Serial No. 09/908,888 according to the attached copy of a Granted Petition. This application contains related subject matter.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Richard L. Treanor

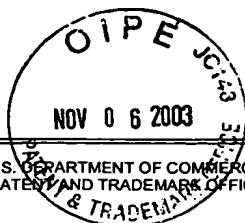
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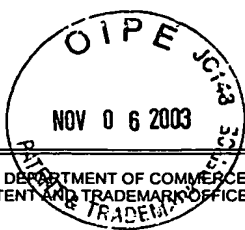
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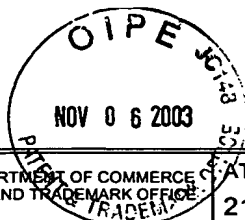
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| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER   | DATE     | NAME                              | CLASS           | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
|  | XN | 6,233,435 B1   | 05/15/01 | WONG                              |                 |                          |                               |
|  | XO | 4,723,321  | 02/02/88 | SALEH                             |                 |                          |                               |
|  | XP | 6,181,920 B1   | 01/30/01 | DENT ET AL                        |                 |                          |                               |
|  | XQ | 6,415,140 B1   | 07/02/02 | BENJAMIN ET AL                    |                 |                          |                               |
|  | XR | 5,760,740  | 06/02/98 | BLODGETT                          |                 |                          |                               |
|  | XS | 5,238,877  | 08/24/93 | RUSSELL                           |                 |                          |                               |
|  | XT | 4,876,218  | 10/24/89 | PESSA ET AL                       |                 |                          |                               |
|  | XU | 6,232,242 B1   | 05/15/01 | HATA ET AL                        |                 |                          |                               |
|  | XV | 4,378,259  | 03/29/83 | HASEGAWA ET AL                    |                 |                          |                               |
|  | XW | 6,278,541 B1   | 08/21/01 | BAKER                             |                 |                          |                               |
|  | XY | 4,298,247  | 11/03/81 | MICHELET ET AL                    |                 |                          |                               |
|  | XZ | 4,174,504  | 11/13/79 | CHENAUDSKY ET AL                  |                 |                          |                               |
|  | YA | 3,758,199  | 09/11/73 | THAXTER                           |                 |                          |                               |
|  | YB | 6,362,558 B1   | 03/26/02 | FUKUI                             |                 |                          |                               |
|  | YC | 6,140,746  | 10/31/00 | MIYASHITA ET AL                   |                 |                          |                               |
|  | YD | 2002/0076878 A1  | 06/20/02 | WASA ET AL                        |                 |                          |                               |
|  | YE | 6,419,849 B1   | 07/16/02 | QIU ET AL                         |                 |                          |                               |
|  | YF | 2002/0179000 A1  | 12/05/02 | LEE ET AL                         |                 |                          |                               |
|  | YG | 6,341,851  | 01/29/02 | TAKAYAMA ET AL                    |                 |                          |                               |
|  | YH | 2001/0055820 A1  | 12/27/01 | SAKURAI ET AL                     |                 |                          |                               |
|  | YI | 6,204,525 B1   | 03/20/01 | SAKURAI ET AL                     |                 |                          |                               |
|  | YJ | 5,985,404  | 11/16/99 | YANO ET AL                        |                 |                          |                               |
|  | YK | 6,538,359 B1   | 03/25/03 | HIRAKU ET AL                      |                 |                          |                               |
|  | YL | 6,498,358 B1   | 12/24/02 | LACH ET AL                        |                 |                          |                               |
|  | YM | 5,387,811  | 02/07/95 | SAIGOH                            |                 |                          |                               |
|  | YN | 5,523,602  | 06/04/96 | HORIUCHI ET AL                    |                 |                          |                               |
|  | YO | 5,362,998  | 11/08/94 | IWAMURA ET AL                     |                 |                          |                               |
|  | YP | 5,188,976  | 02/23/93 | KUME ET AL                        |                 |                          |                               |
| Examiner   |    |  |          |                                   | Date Considered |                          |                               |
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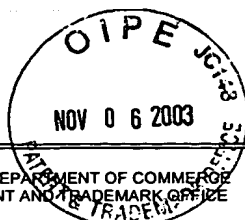
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|  | YQ | 6,501,121 B1   | 12/31/02 | YU ET AL                          |                 |                          |                               |
|  | YR | 5,919,515  | 07/06/99 | YANO ET AL                        |                 |                          |                               |
|  | YS | 5,238,877  | 08/24/93 | RUSSELL                           |                 |                          |                               |
|  | YT | 5,540,785  | 07/30/96 | DENNARD ET AL                     |                 |                          |                               |
|  | YU | 5,997,638  | 12/07/99 | COPEL ET AL                       |                 |                          |                               |
|  | YV | 6,291,866  | 09/18/01 | WALLACE                           |                 |                          |                               |
|  | YW | 5,365,477  | 11/15/94 | COOPER, JR ET AL                  |                 |                          |                               |
|  | YX | 5,548,141  | 08/20/96 | MORRIS ET AL                      |                 |                          |                               |
|  | YY | 2002/0021855   | 02/21/02 | KIM                               |                 |                          |                               |
|  | YZ | 6,110,840  | 08/29/00 | YU                                |                 |                          |                               |
|  | ZA | 5,667,586  | 09/16/97 | EK ET AL                          |                 |                          |                               |
|  | ZB | 5,313,058  | 05/17/94 | FRIEDERICH ET AL                  |                 |                          |                               |
|  | ZC | 5,315,128  | 05/24/94 | HUNT ET AL                        |                 |                          |                               |
|  | ZD | 5,919,522  | 07/06/99 | BAUM ET AL                        |                 |                          |                               |
|  | ZE | 4,843,609  | 06/27/89 | OHYA ET AL                        |                 |                          |                               |
|  | ZF | 4,626,878  | 12/02/86 | KUWANO ET AL                      |                 |                          |                               |
|  | ZG | 4,525,871  | 06/25/85 | FOYT ET AL                        |                 |                          |                               |
|  | ZH | 3,818,451  | 06/18/74 | COLEMAN                           |                 |                          |                               |
|  | ZI | 6,059,895  | 05/09/00 | CHU ET AL                         |                 |                          |                               |
|  | ZJ | 4,447,116  | 05/08/84 | KING ET AL                        |                 |                          |                               |
|  | ZK | 6,022,671  | 02/08/00 | BINKLEY ET AL                     |                 |                          |                               |
|  | ZL | 5,754,714  | 05/19/98 | SUZUKI ET AL                      |                 |                          |                               |
|  | ZM | 6,524,651 B2   | 02/25/03 | GAN ET AL                         |                 |                          |                               |
|  | ZN | 6,355,945 B1   | 03/12/03 | KADOTA ET AL                      |                 |                          |                               |
|  | ZO | 5,642,371  | 06/24/97 | TOHYAMA ET AL                     |                 |                          |                               |
|  | ZP | 6,445,724 B2   | 09/03/02 | ABELES                            |                 |                          |                               |
|  | ZQ | 5,753,934  | 05/19/98 | YANO ET AL                        |                 |                          |                               |
|  | ZR | 6,326,667 B1   | 12/04/01 | SUGIYAMA ET AL                    |                 |                          |                               |
|  | ZS | 6,051,874  | 04/18/00 | MASUDA                            |                 |                          |                               |
|  | ZT | 5,166,761  | 11/24/92 | OLSON ET AL                       |                 |                          |                               |
|  | ZU | 5,574,744  | 11/12/96 | GAW ET AL                         |                 |                          |                               |
| Examiner   |    |  |          |                                   | Date Considered |                          |                               |
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| FOREIGN PATENT DOCUMENTS              |     |  |          |                                   |                       |                          |  |
|                                       |     | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                           | TRANSLATION<br>YES NO |                          |  |
|                                       | CCA | 5-238894   | 09/17/93 | JAPAN W/ENGLISH ABSTRACT          |                       |                          |  |
|                                       | CCB | 2 152 315  | 07/31/85 | GREAT BRITAIN                     |                       |                          |  |
|                                       | CCC | 2001-196892  | 07/19/01 | JAPAN W/ENGLISH ABSTRACT          |                       |                          |  |
|                                       | CCD | 2000-278085  | 10/06/00 | JAPAN (ENGLISH ABSTRACT)          |                       |                          |  |
|                                       | CCE | WO 03/012874   | 02/13/03 | WIPO                              |                       |                          |  |
|                                       | CCF | 1 043 427  | 10/11/00 | EUROPE                            |                       |                          |  |
|                                       | CCG | 1 069 605  | 01/17/01 | EUROPE                            |                       |                          |  |
|                                       | CCH | WO 02/099885   | 12/12/02 | WIPO                              |                       |                          |  |
|                                       | CCI | 10-269842  | 10/09/98 | JAPAN W/ENGLISH ABSTRACT          |                       |                          |  |
|                                       | CCJ | 59066183   | 04/14/84 | JAPAN (ENGLISH ABSTRACT)          |                       |                          |  |
|                                       | CCK | 03046384   | 02/27/91 | JAPAN (ENGLISH ABSTRACT)          |                       |                          |  |
|                                       | CCL | WO 02/11254  | 02/07/02 | WIPO                              |                       |                          |  |
|                                       | CCM | 0 494 514  | 07/15/92 | EUROPE                            |                       |                          |  |
|                                       | CCN | 0 247 722  | 12/02/87 | EUROPE                            |                       |                          |  |
|                                       | CCO | 1 037 272  | 09/20/00 | EUROPE                            |                       |                          |  |
|                                       | CCP | 59-073498  | 04/25/84 | JAPAN (ENGLISH ABSTRACT)          |                       |                          |  |
|                                       | CCQ | 60-161635  | 08/23/85 | JAPAN W/ENGLISH ABSTRACT          |                       |                          |  |
|                                       | CCR | 59-044004  | 03/12/84 | JAPAN W/ENGLISH ABSTRACT          |                       |                          |  |
|                                       | CCS | 0 392 714  | 10/17/90 | EUROPE                            |                       |                          |  |
|                                       | CCT |  |          |                                   |                       |                          |  |
|                                       | CCU |  |          |                                   |                       |                          |  |
|                                       | CCV |  |          |                                   |                       |                          |  |
|                                       | CCW |  |          |                                   |                       |                          |  |
|                                       | CCX |  |          |                                   |                       |                          |  |
|                                       | CCY |  |          |                                   |                       |                          |  |
|                                       | CCZ |  |          |                                   |                       |                          |  |
|                                       | CDA |  |          |                                   |                       |                          |  |
|                                       | CDB |  |          |                                   |                       |                          |  |
|                                       | CDC |  |          |                                   |                       |                          |  |
|                                       | CDD |  |          |                                   |                       |                          |  |
|                                       | CDE |  |          |                                   |                       |                          |  |
|                                       | CDF |  |          |                                   |                       |                          |  |
|                                       | CDG |  |          |                                   |                       |                          |  |
|                                       | CDH |  |          |                                   |                       |                          |  |
|                                       | CDI |  |          |                                   |                       |                          |  |
|                                       | CDJ |  |          |                                   |                       |                          |  |
|                                       | CDK |  |          |                                   |                       |                          |  |
|                                       | CDL |  |          |                                   |                       |                          |  |
|                                       | CDM |  |          |                                   |                       |                          |  |
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| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  |      |   |  |                                   |  |                          |  |
|  | LLAA | Peter Weiss; "Speed demon gets hooked on silicon"; Science News Online; Sept. 15, 2001; pp. 1-3   |  |                                   |  |                          |  |
|  | LLAB | "Motorola Develops New Super-Fast Chip"; USA Today; Sept. 4, 2001   |  |                                   |  |                          |  |
|  | LLAC | Lori Valigra; "Motorola Lays GaAs on Si Wafer"; AsiaBizTech; Nov. 2001pp. 1-3   |  |                                   |  |                          |  |
|  | LLAD | "Holy Grail! Motorola Claims High-Yield GaAs Breakthrough"; Micromagazine.com (no date available); pp. 1-3  |  |                                   |  |                          |  |
|  | LLAE | Jong-Gul YOON; "Growth of Ferroelectric LiNbO3 Thin Film on MgO-Buffered Si by the Sol-Gel Method"; Journal of the Korean Physical Society (Proc. Suppl.); Vol. 29, Nov. 1996; pp. S648-S651    |  |                                   |  |                          |  |
|  | LLAF | V. Bornand et al.; "Deposition of LiTaO3 thin films by pyrosol process"; Thin Solid Films 304 (1997); pp.239-244  |  |                                   |  |                          |  |
|  | LLAG | R. Droopad et al.; "Development of high dielectric constant epitaxial oxides on silicon by molecular beam epitaxy"; Materials Science and Engineering B87 (2001); pp.292-296                    |  |                                   |  |                          |  |
|  | LLAH | A.K. Sharma et al.; "Integration of Pb(Zr0.52Ti0.48)O3 epilayers with Si by domain epitaxy"; Applied Physics Letters, Vol. 76, No. 11; March 13, 2000; pp. 1458-1460                            |  |                                   |  |                          |  |
|  | LLAI | Dwight C. Streit et al; "High Reliability GaAs-AlGaAs HBT's by MBE with Be Base Doping and InGaAs Emitter Contacts"; 8179 IEEE Electron Device Letters; 12(1991) September, No. 9, New York, US |  |                                   |  |                          |  |
|  | LLAJ | C. Y. Hung et al; "Piezoelectrically induced stress tuning of electro-optic devices"; 320 Applied Physics Letters; 59(1991) 30 December, No. 27, New York, US                                   |  |                                   |  |                          |  |
|  | LLAK | J. Piprek; "Heat Flow Analysis of Long-Wavelength VCSELs with Various DBR Materials"; University of Delaware, Materials Science, Newark, DE, 19716-3106; Oct. 31, 1994; pp. 286-287             |  |                                   |  |                          |  |
|  | LLAL | P. Mackowiak et al.; "Some aspects of designing an efficient nitride VCSEL resonator"; J. Phys. D: Appl. Phys. 34(2001); pp. 954-958  |  |                                   |  |                          |  |
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|  | LLAP |   |  |                                   |  |                          |  |
|  | LLAQ |   |  |                                   |  |                          |  |
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